

WHAT IS CLAIMED IS:

1. A developing apparatus comprising:  
a rotatable, developer carrying body for  
carrying a one-component developer;  
5 a rotatable, agitating member for agitating the  
one-component developer,  
wherein said one-component developer is  
magnetic toner at least containing a bonding resin  
and magnetic iron oxide,  
10 wherein, when wettability of the magnetic toner  
relative to a mixture solution of methanol and water  
is measured at transmittance of light having a  
wavelength of 780 nm, a methanol concentration at the  
transmittance of 80% is within the range of 45 to 65  
15 volume%, and  
wherein  $0.1 \leq b/a \leq 0.2$  is established where a  
(rps) denotes a rotation speed of said developer  
carrying body, and b (rps) denotes a rotation speed  
of said agitating member.
- 20 2. A developing apparatus according to claim 1,  
wherein the rotation speed b (rps) of said agitating  
member is constant relative to the rotation speed a  
(rps) of said developer carrying body.
- 25 3. A developing apparatus according to claim 1,

wherein the bonding resin contains a polyester resin.

4. A developing apparatus according to claim 1,  
wherein, when the wettability of the magnetic toner  
5 relative to the mixture solution of methanol and  
water is measured at the transmittance of light  
having a wavelength of 780 nm, the methanol  
concentration at the transmittance of 10% is within  
the range of 45 to 65 volume%.

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5. A developing apparatus according to claim 1,  
wherein a plurality of said agitating members are  
provided; and wherein a rotation radius of said  
agitating member closest to said developer carrying  
15 body is greater than a rotation radius of said  
developer carrying body, and a rotation speed of said  
agitating member is b (rps).

6. A developing apparatus according to claim 1,  
20 wherein said agitating member includes a rotation  
shaft and a flexible sheet member.

7. A developing apparatus according to claim 1,  
further comprising:  
25 a developer container in which the developer is  
contained,

wherein said agitating member is provided in  
said developer container.

8. A developing apparatus according to claim 1,  
5 which is detachable to a main body of an image  
forming apparatus.

9. A developing apparatus according to claim 1,  
wherein the rotation radius of said agitating member  
10 is greater than the rotation radius of said developer  
carrying body.

10. A developing apparatus according to claim 1  
or 9, wherein the rotation radius of said agitating  
15 member is smaller than seven times of the rotation  
radius of said developer carrying body.

11. A developing apparatus according to claim 1,  
which is mounted to a process cartridge detachable to  
20 a main body of an image forming apparatus, together  
with an image bearing body that said developing  
apparatus acts to.

12. A developing apparatus according to claim 1,  
25 which is mounted to an image forming apparatus,  
together with an image bearing body that said  
developing apparatus acts to.